

In the claims:

sub B1
AP 1. (Amended) An oral care composition for whitening teeth comprising:
a peroxyacetic acid generating mixture including a source of peroxide and an acetic acid ester of glycerin, wherein the source of peroxide and the acetic acid ester of glycerin are dispersed within an anhydrous carrier.

Please delete claim 2 without prejudice to the filing of any appropriate continuation application.

sub B2
B 3. (Amended) The composition of claim 3 wherein the acetic acid ester of glycerin is selected from the group consisting of glyceryl triacetate, glyceryl diacetate and glyceryl acetate.

4 5. (Amended) A composition according to claim 1 capable of providing an oral pH of more than 5.2 to generate peroxyacetic acid.

AS 18. (Amended) A composition for producing peroxyacetic acid for use in whitening teeth, the composition comprising a two component system including:
a first aqueous component including hydrogen peroxide and
a second component including glyceryl triacetate.

AS 19. (Amended) A method for whitening teeth comprising:

forming a composition having an oral pH in excess of about 5.2 by combining a hydrogen peroxide precursor, glyceryl triacetate, and water so as to generate peroxyacetic acid; and applying the composition to a tooth surface.

22. (Amended) A method for cosmetically treating teeth comprising the steps of:

applying a source of labile acetyl groups onto the surface of a tooth;

allowing the source of labile acetyl groups to penetrate into the tooth;

applying a source of peroxide onto the surface of the tooth;

allowing the source of labile acetyl groups to react with the source of peroxide to generate a peroxyacid within the tooth; and

allowing the peroxyacid to effect whitening of the tooth.
